COMPRESSED AIR MAGAZINE

BINDERY

PUBLISHED BY

MAY & 1951

Compressed Air Magazine Company
NEW YORK LONDON

Business, Editorial and Publication Offices
Phillipsburg, N. J.

INDEX to VOLUME 55

TOLEDO PUBLIC LIBRA Technology Departme

JANUARY-DECEMBER, 1950

(Copyright 1950 by Compressed Air Magazine Company)

COMPRESSED AIR MAGAZINE

INDEX to VOLUME 55 JANUARY-DECEMBER, 1950

Gases, l General Genius, Gilling

Goat, Gold C

Good

Grine

Hea Hel Hig Hoi Ho Ho Hy Hy

A	Compressed Air Dumps Slag Pots	i
A '1 N '' II J. D	Magazine, Checking Circulation List of 108 Systems, Determining Leakage	3
Aerial Navigation Under Pressure	Losses in—Lewis H. Carter 180	0
Aggregates for Concrete Spillway Cooled by	Compressor, New, Presents Innovations in Design	6
Air-conditioning System	Station, Automatic, Boosts Gas-line pressure 10	6
Air Cleans Machine-picked Corn	Station, Unattended, in the Panhandle— C. H. Vivian	0
Conditioned Power-shovel Cab	Stations, Robot	Q
for Concrete Spillway	Compressors, New, Serve Port Said Sewage System	6
Controls, Laundry Washer Has Automatic—A.M.Brodine. 72	Condensifilter, Meet the	6
Controls Mud Flow in Drilling Oil Wells—Elton Sterrett 74 Dry, Thwarts Corrosion	Construction, Planned, Half an Acre of— Walter P. Gillingham	n
Filter, Hankison Corporation	Container for Rare Gases 5. Conveyor Belting, Giant Press Vulcanizes 8	3
Jet Speeds Work of Cleaning Wooden Paddle	Conveyor Belting, Giant Press Vulcanizes	1
Letting of Power-line Poles	System with Pneumatic Switching Facilities. 5. Conveyors, Constant Feed Through Pressure Zones in. 8	2
Locks Aid Stork in Hospitals	Cooling Industrial Engines	3
Operated Machine Glues and Seals Cartons	Copper Camp, Keeping Butte Thriving 22)
Operated Mills Grind Talc to Superfine Size—	Corn Picked by Machine Cleaned with Air	3
Walter P. Gillingham	Corrosion Thwarted by Dry Air	7
Operated, One-person, Elevator	to Magnafluxing	6
Power Boosts Output of Strollers—Philip Brenton	to Magnafluxing 18. Costs in the U. S. A., 1900 and 1950. 5	1
Power Helps to Build Oil-well Rigs 7	Cotton, King, Goes Mechanical—C. H. Vivian	0
Powered Oil Dispenser for Aircraft	Cripple Creek Gold Camp, Comeback of 4	9
Sizing Fine Particles with		
Aircraft, Turbine-propelled, Auxiliary Power for		
Airplane Control Systems, Pneumatic, Leak Detector for 192	D	
Anderson, Lewis D.—Gold Through the Ages	Des Joachims Power Plant, Construction of-W. M. Goodwin, .21	2
Arizona's Timber—John L. Parker	Detecting Flaws in Metal with Red Stains	4
John M. Sitton	Detector, Leak, for Pneumatic Control Systems. 19 Dewey, Howard S.—Air Power on American Submarines. 9	2
Atomerator, Galligan-Roach, Makes Water Rustless-	Dewey, Howard S.—Air Power on American Submarines 9	5
Frank E. Ferguson	Diamond Mine Is Reopened	0
F. A. Corson	Dougherty, Richard E., Honored by Moles	1
	Drag Chains on Gasoline Trucks Called Worthless 2	14
	Drain, New, for the Rimrose—A. M. Brodine. 26 Dredge. Gold, 1500-Horsepower—L. A. Luther. 23	8
В	Drill Pneumatic for Surgery	17
D 1' DI 1' A' I 1 4 Co 4 D 11'	Drilling, Hand, a Declining Art. 22 Teeth with Abrasive 16	2
Babies Placed in Air Locks to Start Breathing	Teeth with Abrasive	4
Barrows, Hazards of British Diggers	Drought in the East	1
Behavior of Materials at Subzero Temperatures	Dy-Check Discloses Flaws in Metal	4
Bicycles, British Cling to		
Blower Exterminates Cattle Grubs		
on Picker Cleans Corn	E	
Brain, Mechanical, Directs Pneumatic-tube Traffic		
Brenton, Philip—Air Power Boosts Output of Strollers	Education, Engineering	3
Brodine, A. M.—Laundry Washer Has Automatic Air Controls 72	Electricity from Fish	C
-New Drain for the Rimrose	Electropneumatic Lighter, Coke Bed Fired Quickly with 10	K
—Television Today	Elevator, One-person, Air-operated 5	3
Butte, Keeping Camp Thriving	Engineering Centennial. 28 Education. 16	(
	Engines, Industrial, Cooling	12
C	Executives, Training Business)1
Caisson, Pneumatic, Record Claimed for	•	
Canada, Development of	F	
Carbon Black, Farming with	Forming with Corbon Plack	
Compressed-air Systems	Farming with Carbon Black	14
Cartons, Air-operated Machine Glues and Seals	Fibreboard Products Inc.—L. A. Lawrence	12
Cattle-grub Duster Saves Time and Money	Fire, Fighting with Air Bubbles	6
Chains, Drag, on Gasoline Trucks Called Worthless. 24 Chuck, Heavy-duty, Powered by Air Motor. 192	Fish that Generate Electricity	9
Cleaning Car Axles Before Magnafluxing —F A. Corson	Fishing with a Wagon	1
Clunie Water Tunnel in Scotland	Fly Ash for Light Concrete	30
Coal, Pulverized, Locomotive Equipped to Burn	Flying Under Pressure)
to What Height Could a Pound Project Itseli? 283 Compressed Air at Work 14	Foundry Molds of Resin-Sand Held Promising	9
at Work	Roy E. McFee	1
at Work	French West Africa Aid for	1
Control Systems, Airplane, Leak Detector for 192	Furnace, Lining Biggest Open-hearth Steel	(

189 106 16

. 108

.222

254

268

S

3	Tungsten, North Carolina—C. H. Vivian
	Tunnel, Clunie, in Scotland
Sandblasting Engine Blocks, Automatic Machine for 82	Enlarging Speeded by Marking Device
Saws, Air-controlled, Trim Lumber	Neversink, Driving the—W. P. Gillingham
Seaweed, the New Provider—Arthur Nettleton	Route, Choosing with Dynamite
Seeds, Coats for	Tunneling Record, New Rock, Set in California
Selectionaire Matches Components for Ball Bearings with	Record, Rock, Another 52
Accuracy 137	Records, New
Accuracy	Tunnels for Power—David W. Lutes
Sewerage System, New, for the Rimrose—A. M. Brodine 268	TVA Blasts, Record
Silting of Power-plant Reservoirs.	Typewriter, Air-operated Automatic
Sitton, John M.—Are You Just Crazy About Art	2) powieci, im-operated rationatic,
or Is Art Just Crazy?	
Sizing Fine Particles with Air	IJ
Slag Pots, Compressed Air Dumps	Ultraconics a New Proveh of Science
Slitter, Air-operated, for Rolled Material	Ultrasonics, a New Branch of Science
Sound, Puzzling Aspects of	United States, Costs, 1900 and 1950
Waves, Magical Silent	Today and 50 Years Ago
Spray-paint Dispenser, New	U. S. Steel-Mellon Bank Building, Half an Acre of Planned
Steelmaking, Oddities of	Confusion—Walter P. Gillingham
Steep Rock Grows	
Sterrett, Elton-Air Controls Mud Flow in Drilling Oil Wells 74	W 7
Strollers, Baby, Air Power Boosts Output of-Philip Brenton 209	V
Submarine's Birthday	
Submarines, American, Air Power on-Howard S. Dewey 95	Vivian, C. H.—Keeping the Gas Flowing
Subsidence, Coastal, in California Continues	-King Cotton Goes Mechanical
Subway Builders' Heaven	-North Carolina Tungsten
Surgery, Pneumatic Drill for	-Robot of the Panhandle
	Vulcanizing Press, Giant, for Conveyor Belting 81
T	
	W
Tailings Spur Growth of Vegetables	
Talc, Grinding to Superfine Size—Walter P. Gillingham 32	Warren, E. T.—The House of Tata
Tata, the House of—E. T. Warren	Water, Rustless—Frank E. Ferguson
Teeth, Drilling with Abrasive	Shortage in the East
Television Today—A. M. Brodine	Whaling from Aloft164
Temperatures, Subzero, Behavior of Materials at—	Whistle, New Diesel, Simulates Sound of Steam Choo Choo 219
Test Machine, Air-Vacuum, for Stampings and Castings283	Windmills, Harnessing Britain's Gales with—Arthur Nettleton. 70
Tester, Electronic, for Mine Ropes	Woods, Rare, Coming
Ties, Railroad, Roofs for	
Timber, Arizona's—John L. Parker	
Tires, Sturdy Airplane	7.
Tractor, Weighting	-
Trimmer, Lumber, with Air-controlled Saws	Zinc Ore-Red, Green, and Black-Walter P. Gillingham 88
The state of the s	Dine Ole Red, Oleen, and Diack—Walter 1. Olllingham 00

January	2- 30 inclusive	June
February	32- 59 inclusive	July-August-September Pages 172-198 inclusive
		October
AprilPages	88-114 inclusive	November
MayPages	116—142 inclusive	DecemberPages 260—288 inclusive

...260 ...80 ...22 ...116 ...251 ...19 ...52 ...20 ...237 ...135 ...187

.... 172 51 51

...100 ...150 ...260 ...39

...200 ...155 ...20 ...164 ...219

.. 88

ive ive ve ve